

SEQUENCE LISTING

<110> INCYTE GENOMICS, INC.
BANDMAN, Olga
YUE, Henry
LAL, Preeti
TANG, Y. Tom
REDDY, Roopa
BAUGHN, Mariah R.
AZIMZAI, Yalda

<120> RNA METABOLISM PROTEINS

<130> PF-0712 PCT

<140> To Be Assigned

<141> Herewith

<150> 60/139,922

<151> 1999-06-17

<160> 26

<170> PERL Program

<210> 1

<211> 503

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 046926

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Leu	Cys	Cys	Glu	Cys	Gly	Val	Pro	Ile	Ser	Pro	Asn	Pro	Ala	Asn
			20						25					30
Ile	Cys	Val	Ala	Cys	Leu	Arg	Ser	Lys	Val	Asp	Ile	Ser	Gln	Gly
			35						40					45
Ile	Pro	Lys	Gln	Val	Ser	Ile	Ser	Phe	Cys	Lys	Gln	Cys	Gln	Arg
			50						55					60
Tyr	Phe	Gln	Pro	Pro	Gly	Thr	Trp	Ile	Gln	Cys	Ala	Leu	Glu	Ser
			65						70					75
Arg	Glu	Leu	Leu	Ala	Leu	Cys	Leu	Lys	Lys	Ile	Lys	Ala	Pro	Leu
			80						85					90
Ser	Lys	Val	Arg	Leu	Val	Asp	Ala	Gly	Phe	Val	Trp	Thr	Glu	Pro
			95						100					105
His	Ser	Lys	Arg	Leu	Lys	Val	Lys	Leu	Thr	Ile	Gln	Lys	Glu	Val
			110						115					120
Met	Asn	Gly	Ala	Ile	Leu	Gln	Gln	Val	Phe	Val	Val	Asp	Tyr	Val
			125						130					135
Val	Gln	Ser	Gln	Met	Cys	Gly	Asp	Cys	His	Arg	Val	Glu	Ala	Lys
			140						145					150
Asp	Phe	Trp	Lys	Ala	Val	Ile	Gln	Val	Arg	Gln	Lys	Thr	Leu	His
			155						160					165

Lys	Lys	Thr	Phe	Tyr	Tyr	Leu	Glu	Gln	Leu	Ile	Leu	Lys	Tyr	Gly	170	175	180
Met	His	Gln	Asn	Thr	Leu	Arg	Ile	Lys	Glu	Ile	His	Asp	Gly	Leu	185	190	195
Asp	Phe	Tyr	Tyr	Ser	Ser	Lys	Gln	His	Ala	Gln	Lys	Met	Val	Glu	200	205	210
Phe	Leu	Gln	Cys	Thr	Val	Pro	Cys	Arg	Tyr	Lys	Ala	Ser	Gln	Arg	215	220	225
Leu	Ile	Ser	Gln	Asp	Ile	His	Ser	Asn	Thr	Tyr	Asn	Tyr	Lys	Ser	230	235	240
Thr	Phe	Ser	Val	Glu	Ile	Val	Pro	Ile	Cys	Lys	Asp	Asn	Val	Val	245	250	255
Cys	Leu	Ser	Pro	Lys	Leu	Ala	Gln	Ser	Leu	Gly	Asn	Met	Asn	Gln	260	265	270
Ile	Cys	Val	Cys	Ile	Arg	Val	Thr	Ser	Ala	Ile	His	Leu	Ile	Asp	275	280	285
Pro	Asn	Thr	Leu	Gln	Val	Ala	Asp	Ile	Asp	Gly	Ser	Thr	Phe	Trp	290	295	300
Ser	His	Pro	Phe	Asn	Ser	Leu	Cys	His	Pro	Lys	Gln	Leu	Glu	Glu	305	310	315
Phe	Ile	Val	Met	Glu	Cys	Ser	Ile	Val	Gln	Asp	Ile	Lys	Arg	Ala	320	325	330
Ala	Gly	Ala	Gly	Met	Ile	Ser	Lys	Lys	His	Thr	Leu	Gly	Glu	Val	335	340	345
Trp	Val	Gln	Lys	Thr	Ser	Glu	Met	Asn	Thr	Asp	Lys	Gln	Tyr	Phe	350	355	360
Cys	Arg	Thr	His	Leu	Gly	His	Leu	Leu	Asn	Pro	Gly	Asp	Leu	Val	365	370	375
Leu	Gly	Phe	Asp	Leu	Ala	Asn	Cys	Asn	Leu	Asn	Asp	Glu	His	Val	380	385	390
Asn	Lys	Met	Asn	Ser	Asp	Arg	Val	Pro	Asp	Val	Val	Leu	Ile	Lys	395	400	405
Lys	Ser	Tyr	Asp	Arg	Thr	Lys	Arg	Gln	Arg	Arg	Arg	Asn	Trp	Lys	410	415	420
Leu	Lys	Glu	Leu	Ala	Arg	Glu	Arg	Glu	Asn	Met	Asp	Thr	Asp	Asp	425	430	435
Glu	Arg	Gln	Tyr	Gln	Asp	Phe	Leu	Glu	Asp	Leu	Glu	Glu	Asp	Glu	440	445	450
Ala	Ile	Arg	Lys	Asn	Val	Asn	Ile	Tyr	Arg	Asp	Ser	Ala	Ile	Pro	455	460	465
Val	Glu	Ser	Asp	Thr	Asp	Asp	Glu	Gly	Ala	Pro	Arg	Ile	Ser	Leu	470	475	480
Ala	Glu	Met	Leu	Glu	Asp	Leu	His	Ile	Ser	Gln	Asp	Ala	Thr	Gly	485	490	495
Glu	Glu	Gly	Ala	Ser	Met	Leu	Thr								500		

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<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 618791

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Gly	Thr	Gly	Gly	Asp	Glu	Glu	Glu	Glu	Trp	Leu	Tyr	Gly	Gly	Pro
				20					25					30
Trp	Asp	Val	His	Val	His	Ser	Asp	Leu	Ala	Lys	Asp	Leu	Asp	Glu
				35					40					45
Asn	Glu	Val	Glu	Arg	Pro	Glu	Glu	Glu	Asn	Ala	Ser	Ala	Asn	Pro
				50					55					60
Pro	Ser	Gly	Ile	Glu	Asp	Glu	Thr	Ala	Glu	Asn	Gly	Val	Pro	Lys
				65					70					75
Pro	Lys	Val	Thr	Glu	Thr	Glu	Asp	Asp	Ser	Asp	Ser	Asp	Ser	Asp
				80					85					90
Asp	Asp	Glu	Asp	Asp	Val	His	Val	Thr	Ile	Gly	Asp	Ile	Lys	Thr
				95					100					105
Gly	Ala	Pro	Gln	Tyr	Gly	Ser	Tyr	Gly	Thr	Ala	Pro	Val	Asn	Leu
				110					115					120
Asn	Ile	Lys	Thr	Gly	Gly	Arg	Val	Tyr	Gly	Thr	Thr	Gly	Thr	Lys
				125					130					135
Val	Lys	Gly	Val	Asp	Leu	Asp	Ala	Pro	Gly	Ser	Ile	Asn	Gly	Val
				140					145					150
Pro	Leu	Leu	Glu	Val	Asp	Leu	Asp	Ser	Phe	Glu	Asp	Lys	Pro	Trp
				155					160					165
Arg	Lys	Pro	Gly	Ala	Asp	Leu	Ser	Asp	Tyr	Phe	Asn	Tyr	Gly	Phe
				170					175					180
Asn	Glu	Asp	Thr	Trp	Lys	Ala	Tyr	Cys	Glu	Lys	Gln	Lys	Arg	Ile
				185					190					195
Arg	Met	Gly	Leu	Glu	Val	Ile	Pro	Val	Thr	Ser	Thr	Thr	Asn	Lys
				200					205					210
Ile	Thr	Ala	Glu	Asp	Cys	Thr	Met	Glu	Val	Thr	Pro	Gly	Ala	Glu
				215					220					225
Ile	Gln	Asp	Gly	Arg	Phe	Asn	Leu	Phe	Lys	Val	Gln	Gln	Gly	Arg
				230					235					240
Thr	Gly	Asn	Ser	Glu	Lys	Glu	Thr	Ala	Leu	Pro	Ser	Thr	Lys	Ala
				245					250					255
Glu	Phe	Thr	Ser	Pro	Pro	Ser	Leu	Phe	Lys	Thr	Gly	Leu	Pro	Pro
				260					265					270
Ser	Arg	Asn	Ser	Thr	Ser	Ser	Gln	Ser	Gln	Thr	Ser	Thr	Ala	Ser
				275					280					285
Arg	Lys	Ala	Asn	Ser	Ser	Val	Gly	Lys	Trp	Gln	Asp	Arg	Tyr	Gly
				290					295					300
Arg	Ala	Glu	Ser	Pro	Asp	Leu	Arg	Arg	Leu	Pro	Gly	Ala	Ile	Asp
				305					310					315
Val	Ile	Gly	Gln	Thr	Ile	Thr	Ile	Ser	Arg	Val	Glu	Gly	Arg	Arg
				320					325					330
Arg	Ala	Asn	Glu	Asn	Ser	Asn	Ile	Gln	Val	Leu	Ser	Glu	Arg	Ser
				335					340					345
Ala	Thr	Glu	Val	Asp	Asn	Asn	Phe	Ser	Lys	Pro	Pro	Pro	Phe	Phe
				350					355					360
Pro	Pro	Gly	Ala	Pro	Pro	Thr	His	Leu	Pro	Pro	Pro	Pro	Phe	Leu
				365					370					375
Pro	Pro	Pro	Pro	Thr	Val	Ser	Thr	Ala	Pro	Pro	Leu	Ile	Pro	Pro
				380					385					390
Pro	Gly	Phe	Pro	Pro	Pro	Pro	Gly	Ala	Pro	Pro	Pro	Ser	Leu	Ile
				395					400					405
Pro	Thr	Ile	Glu	Ser	Gly	His	Ser	Ser	Gly	Tyr	Asp	Ser	Arg	Ser
				410					415					420
Ala	Arg	Ala	Phe	Pro	Tyr	Gly	Asn	Val	Ala	Phe	Pro	His	Leu	Pro
				425					430					435
Gly	Ser	Ala	Pro	Ser	Trp	Pro	Ser	Leu	Val	Asp	Thr	Ser	Lys	Gln
				440					445					450
Trp	Asp	Tyr	Tyr	Ala	Arg	Arg	Glu	Lys	Asp	Arg	Asp	Arg	Glu	Arg

Asp Arg Asp Arg	455	Arg Asp Arg Asp	460	Arg Asp Arg Glu Arg	465
	470	Arg Glu Arg Glu Arg	475	Asp His Ser Pro Thr	480
Arg Thr Arg Glu	485		490	Tyr Arg Tyr Arg Glu	495
Ser Val Phe Asn	500	Ser Asp Glu Glu Arg	505		510
Ala Glu Arg Gly	515	Tyr Glu Arg His Arg	520	Ala Ser Arg Glu Lys	525
Glu Arg His Arg	530	Glu Arg Arg His Arg	535	Glu Lys Glu Glu Thr	540
His Lys Ser Ser	545	Arg Ser Asn Ser Arg	550	Arg Arg His Glu Ser	555
Glu Gly Asp Ser	560	His Arg Arg His Lys	565	His Lys Lys Ser Lys	570
Ser Lys Glu Gly	575	Lys Glu Ala Gly Ser	580	Glu Pro Ala Pro Glu	585
Glu Ser Thr Glu	590	Ala Thr Pro Ala Glu			

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<220>
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 <223> Incyte Clone No: 1240366

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Met Ser Glu Thr Gln Tyr Ser Ser Leu Thr Gln Thr Leu Ile Met	1	5	10	15
Thr Met Lys Leu Ser Gly Phe Gly Val Ala Asp Ser Met Arg Ile	20	25	30	35
Ser Gly Cys Ser Ile Gln Lys Gln Ser Arg Ile Ile Ile Thr Asp	40	45	50	55
Arg Gln Ala Glu Pro Pro Lys Lys Glu Ala Ala Thr Thr Gly Pro	60	65	70	75
Gln Val Lys Arg Ala Asp Glu Trp Lys Asp Pro Trp Arg Arg Ser	80	85	90	95
Lys Ser Pro Lys Lys Lys Leu Gly Val Ser Val Ser Pro Ser Arg	100	105	110	115
Ala Arg Arg Arg Arg Lys Thr Ser Ala Ser Ser Ala Ser Ala Ser	120	125	130	135
Asn Ser Ser Arg Ser Ser Ser Arg Ser Ser Ser Tyr Ser Gly Ser	140	145	150	155
Gly Ser Ser Arg Ser Arg Ser Arg Ser Ser Ser Tyr Ser Ser Tyr	160	165	170	175
Ser Ser Arg Ser Ser Arg His Ser Ser Phe Ser Gly Ser Arg Ser	180	185	190	195
Arg Ser Arg Ser Phe Ser Ser Ser Pro Ser Pro Ser Pro Thr Pro				
Ser Pro His Arg Pro Ser Ile Arg Thr Lys Gly Glu Pro Ala Pro				
Pro Pro Gly Lys Ala Gly Glu Lys Ser Val Lys Lys Pro Ala Pro				
Pro Pro Ala Pro Pro Gln Ala Thr Lys Thr Thr Ala Pro Val Pro				

	200		205		210
Glu Pro Thr Lys	Pro Gly Asp Pro Arg	Glu Ala Arg Arg Lys	Glu		
	215		220		225
Arg Pro Ala Arg	Thr Pro Pro Arg Arg	Arg Thr Leu Ser Gly	Ser		
	230		235		240
Gly Ser Gly Ser	Gly Ser Ser Tyr Ser	Gly Ser Ser Ser Arg	Ser		
	245		250		255
Arg Ser Leu Ser	Val Ser Ser Val Ser	Ser Val Ser Ser Ala	Thr		
	260		265		270
Ser Ser Ser Ser	Ser Ala His Ser Val	Asp Ser Glu Asp Met	Tyr		
	275		280		285
Ala Asp Leu Ala	Ser Pro Val Ser Ser	Ala Ser Ser Arg Ser	Pro		
	290		295		300
Ala Pro Ala Gln	Thr Arg Lys Glu Lys	Gly Lys Ser Lys Lys	Glu		
	305		310		315
Asp Gly Val Lys	Glu Glu Lys Arg Lys	Arg Asp Ser Ser Thr	Gln		
	320		325		330
Pro Pro Lys Ser	Ala Lys Pro Pro Ala	Gly Gly Lys Ser Ser	Gln		
	335		340		345
Gln Pro Ser Thr	Pro Gln Gln Ala Pro	Pro Gly Gln Pro Gln	Gln		
	350		355		360
Gly Thr Phe Val	Ala His Lys Glu Ile	Lys Leu Thr Leu Leu	Asn		
	365		370		375
Lys Ala Ala Asp	Lys Gly Ser Arg Lys	Arg Tyr Glu Pro Ser	Asp		
	380		385		390
Lys Asp Arg Gln	Ser Pro Pro Pro Ala	Lys Arg Pro Asn Thr	Ser		
	395		400		405
Pro Asp Arg Gly	Ser Arg Asp Arg				
	410				

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 <213> Homo sapiens

<220>
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 <223> Incyte Clone No: 1295773

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Met His Val Gln Leu Ser Thr Ser Arg Leu Arg Thr Ala Pro Gly	
1 5 10 15	
Met Gly Asp Gln Ser Gly Cys Tyr Arg Cys Gly Lys Glu Gly His	
20 25 30	
Trp Ser Lys Glu Cys Pro Val Asp Arg Thr Gly Arg Val Ala Asp	
35 40 45	
Phe Thr Glu Gln Tyr Asn Glu Gln Tyr Gly Ala Val Arg Thr Pro	
50 55 60	
Tyr Thr Met Gly Tyr Gly Glu Ser Met Tyr Tyr Asn Asp Ala Tyr	
65 70 75	
Gly Ala Leu Asp Tyr Tyr Lys Arg Tyr Arg Val Arg Ser Tyr Glu	
80 85 90	
Ala Val Ala Ala Ala Ala Ala Ala Ser Ala Tyr Asn Tyr Ala Glu	
95 100 105	
Gln Thr Met Ser His Leu Pro Gln Val Gln Ser Thr Thr Val Thr	
110 115 120	
Ser His Leu Asn Ser Thr Ser Val Asp Pro Tyr Asp Arg His Leu	
125 130 135	

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Leu Pro Asn Ser Gly Ala Ala Ala Thr Ser Ala Ala Met Ala Ala
140 145 150
Ala Ala Ala Thr Thr Ser Ser Tyr Tyr Gly Arg Asp Arg Ser Pro
155 160 165
Leu Arg Arg Ala Ala Ala Met Leu Pro Thr Val Gly Glu Gly Tyr
170 175 180
Gly Tyr Gly Pro Glu Ser Glu Leu Ser Gln Ala Ser Ala Ala Thr
185 190 195
Arg Asn Ser Leu Tyr Asp Met Ala Arg Tyr Glu Arg Glu Gln Tyr
200 205 210
Val Asp Arg Ala Arg Tyr Ser Ala Phe
215

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<213> Homo sapiens

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<220>
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Met Gly Arg Arg Ser Thr Ser Ser Thr Lys Ser Gly Lys Phe Met
1 5 10 15
Asn Pro Thr Asp Gln Ala Arg Lys Glu Ala Arg Lys Arg Glu Leu
20 25 30
Lys Lys Asn Lys Lys Gln Arg Met Met Val Arg Ala Ala Val Leu
35 40 45
Lys Met Lys Asp Pro Lys Gln Ile Ile Arg Asp Met Glu Lys Leu
50 55 60
Asp Glu Met Glu Phe Asn Pro Val Gln Gln Pro Gln Leu Asn Glu
65 70 75
Lys Val Leu Lys Asp Lys Arg Lys Lys Leu Arg Glu Thr Phe Glu
80 85 90
Arg Ile Leu Arg Leu Tyr Glu Lys Glu Asn Pro Asp Ile Tyr Lys
95 100 105
Glu Leu Arg Lys Leu Glu Val Glu Tyr Glu Gln Lys Arg Ala Gln
110 115 120
Leu Ser Gln Tyr Phe Asp Ala Val Lys Asn Ala Gln His Val Glu
125 130 135
Val Glu Ser Ile Pro Leu Pro Asp Met Pro His Ala Pro Ser Asn
140 145 150
Ile Leu Ile Gln Asp Ile Pro Leu Pro Gly Ala Gln Pro Pro Ser
155 160 165
Ile Leu Lys Lys Thr Ser Ala Tyr Gly Pro Pro Thr Arg Ala Val
170 175 180
Ser Ile Leu Pro Leu Leu Gly His Gly Val Pro Arg Leu Pro Pro
185 190 195
Gly Arg Lys Pro Pro Gly Pro Pro Pro Gly Pro Pro Pro Pro Gln
200 205 210
Val Val Gln Met Tyr Gly Arg Lys Val Gly Phe Ala Leu Asp Leu
215 220 225
Pro Pro Arg Arg Arg Asp Glu Asp Met Leu Tyr Ser Pro Glu Leu
230 235 240
Ala Gln Arg Gly His Asp Asp Asp Val Ser Ser Thr Ser Glu Asp
245 250 255
Asp Gly Tyr Pro Glu Asp Met Asp Gln Asp Lys His Asp Asp Ser

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	260		265		270
Thr Asp Asp Ser	Asp Thr Asp Lys Ser	Asp Gly Glu Ser Asp	Gly		
	275		280		285
Asp Glu Phe Val	His Arg Asp Asn Gly	Glu Arg Asp Asn Asn	Glu		
	290		295		300
Glu Lys Lys Ser	Gly Leu Ser Val Arg	Phe Ala Asp Met Pro	Gly		
	305		310		315
Lys Ser Arg Lys	Lys Lys Lys Asn Met	Lys Glu Leu Thr Pro	Leu		
	320		325		330
Gln Ala Met Met	Leu Arg Met Ala Gly	Gln Glu Ile Pro Glu	Glu		
	335		340		345
Gly Arg Glu Val	Glu Glu Phe Ser Glu	Asp Asp Asp Glu Asp	Asp		
	350		355		360
Ser Asp Asp Ser	Glu Ala Glu Lys Gln	Ser Gln Lys Gln His	Lys		
	365		370		375
Glu Glu Ser His	Ser Asp Gly Thr Ser	Thr Ala Ser Ser Gln	Gln		
	380		385		390
Gln Ala Pro Pro	Gln Ser Val Pro Pro	Ser Gln Ile Gln Ala	Pro		
	395		400		405
Pro Met Pro Gly	Pro Pro Pro Leu Gly	Pro Pro Pro Ala Pro	Pro		
	410		415		420
Leu Arg Pro Pro	Gly Pro Pro Thr Gly	Leu Pro Pro Gly Pro	Pro		
	425		430		435
Pro Gly Ala Pro	Pro Phe Leu Arg Pro	Pro Gly Met Pro Gly	Leu		
	440		445		450
Arg Gly Pro Leu	Pro Arg Leu Leu Pro	Pro Gly Pro Pro Pro	Gly		
	455		460		465
Arg Pro Pro Gly	Pro Pro Pro Gly Pro	Pro Pro Gly Leu Pro	Pro		
	470		475		480
Gly Pro Pro Pro	Arg Gly Pro Pro Pro	Arg Leu Pro Pro Pro	Ala		
	485		490		495
Pro Pro Gly Ile	Pro Pro Pro Arg Pro	Gly Met Met Arg Pro	Pro		
	500		505		510
Leu Val Pro Pro	Leu Gly Pro Ala Pro	Pro Gly Leu Phe Pro	Pro		
	515		520		525
Ala Pro Leu Pro	Asn Pro Gly Val Leu	Ser Ala Pro Pro Asn	Leu		
	530		535		540
Ile Gln Arg Pro	Lys Ala Asp Asp Thr	Ser Ala Ala Thr Ile	Glu		
	545		550		555
Lys Lys Ala Thr	Ala Thr Ile Ser Ala	Lys Pro Gln Ile Thr	Asn		
	560		565		570
Pro Lys Ala Glu	Ile Thr Arg Phe Val	Pro Thr Ala Leu Arg	Val		
	575		580		585
Arg Arg Glu Asn	Lys Gly Ala Thr Ala	Ala Pro Gln Arg Lys	Ser		
	590		595		600
Glu Asp Asp Ser	Ala Val Pro Leu Ala	Lys Ala Ala Pro Lys	Ser		
	605		610		615
Gly Pro Ser Val	Pro Val Ser Val Gln	Thr Lys Asp Asp Val	Tyr		
	620		625		630
Glu Ala Phe Met	Lys Glu Met Glu Gly	Leu Leu			
	635		640		

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<220>

<221> misc_feature

<223> Incyte Clone No: 2152431

<400> 6

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Ser	Thr	Tyr	Pro	Met	Gln	Cys	Ser	Ala	Leu	Arg	Lys	Asn	Gly	Phe
				20					25					30
Val	Val	Leu	Lys	Gly	Arg	Pro	Cys	Lys	Ile	Val	Glu	Met	Ser	Thr
				35					40					45
Ser	Lys	Thr	Gly	Lys	His	Gly	His	Ala	Lys	Val	His	Leu	Val	Gly
				50					55					60
Ile	Asp	Ile	Phe	Thr	Gly	Lys	Lys	Tyr	Glu	Asp	Ile	Cys	Pro	Ser
				65					70					75
Thr	His	Asn	Met	Asp	Val	Pro	Asn	Ile	Lys	Arg	Asn	Asp	Tyr	Gln
				80					85					90
Leu	Ile	Cys	Ile	Gln	Asp	Gly	Tyr	Leu	Ser	Leu	Leu	Thr	Glu	Thr
				95					100					105
Gly	Glu	Val	Arg	Glu	Asp	Leu	Lys	Leu	Pro	Glu	Gly	Glu	Leu	Gly
				110					115					120
Lys	Glu	Ile	Glu	Gly	Lys	Tyr	Asn	Ala	Gly	Glu	Asp	Val	Gln	Val
				125					130					135
Ser	Val	Met	Cys	Ala	Met	Ser	Glu	Glu	Tyr	Ala	Val	Ala	Ile	Lys
				140					145					150
Pro	Cys	Lys												

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<211> 194

<212> PRT

<213> Homo sapiens

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<221> misc_feature

<223> Incyte Clone No: 2641494

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Thr	Trp	Pro	Gln	Thr	Ala	Gly	Arg	Val	Val	Ala	Arg	Thr	Pro	Ala
				20					25					30
Gly	Thr	Ile	Cys	Thr	Gly	Ala	Arg	Gln	Leu	Gln	Asp	Ala	Ala	Ala
				35					40					45
Lys	Gln	Lys	Val	Glu	Gln	Asn	Ala	Ala	Pro	Ser	His	Thr	Lys	Phe
				50					55					60
Ser	Ile	Tyr	Pro	Pro	Ile	Pro	Gly	Glu	Glu	Ser	Ser	Leu	Arg	Trp
				65					70					75
Ala	Gly	Lys	Lys	Phe	Glu	Glu	Ile	Pro	Ile	Ala	His	Ile	Lys	Ala
				80					85					90
Ser	His	Asn	Asn	Thr	Gln	Ile	Gln	Val	Val	Ser	Ala	Ser	Asn	Glu
				95					100					105
Pro	Leu	Ala	Phe	Ala	Ser	Cys	Gly	Thr	Glu	Gly	Phe	Arg	Asn	Ala
				110					115					120
Lys	Lys	Gly	Thr	Gly	Ile	Ala	Ala	Gln	Thr	Ala	Gly	Ile	Ala	Ala
				125					130					135
Ala	Ala	Arg	Ala	Lys	Gln	Lys	Gly	Val	Ile	His	Ile	Arg	Val	Val
				140					145					150
Val	Lys	Gly	Leu	Gly	Pro	Gly	Arg	Leu	Ser	Ala	Met	His	Gly	Leu

	155		160		165
Ile Met Gly Gly	Leu Glu Val Ile Ser	Ile Thr Asp Asn Thr	Pro		
	170		175		180
Ile Pro His Asn	Gly Cys Arg Pro Arg	Lys Ala Arg Lys Leu			
	185		190		

<210> 8
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 <212> PRT
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<220>
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 <223> Incyte Clone No: 3803409

<400> 8

Met Gly Lys Pro Pro Gly Ser Ile Val Arg Pro Ser Ala Pro Pro		
1 5 10 15		
Ala Arg Ser Ser Val Pro Val Thr Arg Pro Pro Val Pro Ile Pro		
20 25 30		
Pro Pro Pro Pro Pro Pro Pro Leu Pro Pro Pro Pro Pro Val Ile		
35 40 45		
Lys Pro Gln Thr Ser Ala Val Glu Gln Glu Arg Trp Asp Glu Asp		
50 55 60		
Ser Phe Tyr Gly Leu Trp Asp Thr Asn Asp Glu Gln Gly Leu Asn		
65 70 75		
Ser Glu Phe Lys Ser Glu Thr Ala Ala Ile Pro Ser Ala Pro Val		
80 85 90		
Leu Pro Pro Pro Pro Val His Ser Ser Ile Pro Pro Pro Gly Pro		
95 100 105		
Val Pro Met Gly Met Pro Pro Met Ser Lys Pro Pro Pro Val Gln		
110 115 120		
Gln Thr Val Asp Tyr Gly His Gly Arg Asp Ile Ser Thr Asn Lys		
125 130 135		
Val Glu Gln Ile Pro Tyr Gly Glu Arg Ile Thr Leu Arg Pro Asp		
140 145 150		
Pro Leu Pro Glu Arg Ser Thr Phe Glu Thr Glu His Ala Gly Gln		
155 160 165		
Arg Asp Arg Tyr Asp Arg Glu Arg Asp Arg Glu Pro Tyr Phe Asp		
170 175 180		
Arg Gln Ser Asn Val Ile Ala Asp His Arg Asp Phe Lys Arg Asp		
185 190 195		
Arg Glu Thr His Arg Asp Arg Asp Arg Asp Arg Gly Val Ile Asp		
200 205 210		
Tyr Asp Arg Asp Arg Phe Asp Arg Glu Arg Arg Pro Arg Asp Asp		
215 220 225		
Arg Ala Gln Ser Tyr Arg Asp Lys Lys Asp His Ser Ser Ser Arg		
230 235 240		
Arg Gly Gly Phe Asp Arg Pro Ser Tyr Asp Arg Lys Ser Asp Arg		
245 250 255		
Pro Val Tyr Glu Gly Pro Ser Met Phe Gly Gly Glu Arg Arg Thr		
260 265 270		
Tyr Pro Glu Glu Arg Met Pro Leu Pro Ala Pro Ser Leu Ser His		
275 280 285		
Gln Pro Pro Pro Ala Pro Arg Val Glu Lys Lys Pro Glu Ser Lys		
290 295 300		
Asn Val Asp Asp Ile Leu Lys Pro Pro Gly Arg Glu Ser Arg Pro		
305 310 315		

Glu Arg Ile Val	Val Ile Met Arg Gly	Leu Pro Gly Ser Gly Lys	
	320	325	330
Thr His Val Ala	Lys Leu Ile Arg Asp	Lys Glu Val Glu Phe Gly	
	335	340	345
Gly Pro Ala Pro	Arg Val Leu Ser Leu Asp	Asp Tyr Phe Ile Thr	
	350	355	360
Glu Val Glu Lys	Glu Glu Lys Asp Pro	Asp Ser Gly Lys Lys Val	
	365	370	375
Lys Lys Lys Val	Met Glu Tyr Glu Tyr	Glu Ala Glu Met Glu Glu	
	380	385	390
Thr Tyr Arg Thr	Ser Met Phe Lys Thr	Phe Lys Lys Thr Leu Asp	
	395	400	405
Asp Gly Phe Phe	Pro Phe Ile Ile Leu	Asp Ala Ile Asn Asp Arg	
	410	415	420
Val Arg His Phe	Asp Gln Phe Trp Ser	Ala Ala Lys Thr Lys Gly	
	425	430	435
Phe Glu Val Tyr	Leu Ala Glu Met Ser	Ala Asp Asn Gln Thr Cys	
	440	445	450
Gly Lys Arg Asn	Ile His Gly Arg Lys	Leu Lys Glu Ile Asn Lys	
	455	460	465
Met Ala Asp His	Trp Glu Thr Ala Pro	Arg His Met Met Arg Leu	
	470	475	480
Asp Ile Arg Ser	Leu Leu Gln Asp Ala	Ala Ile Glu Glu Val Glu	
	485	490	495
Met Glu Asp Phe	Asp Ala Asn Ile Glu	Glu Gln Lys Glu Glu Lys	
	500	505	510
Lys Asp Ala Glu	Glu Glu Ser Glu	Leu Gly Tyr Ile Pro Lys	
	515	520	525
Ser Lys Trp Glu	Met Asp Thr Ser Glu	Ala Lys Leu Asp Lys Leu	
	530	535	540
Asp Gly Leu Arg	Thr Gly Thr Lys Arg	Lys Arg Asp Trp Glu Ala	
	545	550	555
Ile Ala Ser Arg	Met Glu Asp Tyr Leu	Gln Leu Pro Asp Asp Tyr	
	560	565	570
Asp Thr Arg Ala	Ser Glu Pro Gly Lys	Lys Arg Val Arg Trp Ala	
	575	580	585
Asp Leu Glu Glu	Lys Lys Asp Ala Asp	Arg Lys Arg Ala Ile Gly	
	590	595	600
Phe Val Val Gly	Gln Thr Asp Trp Glu	Lys Ile Thr Asp Glu Ser	
	605	610	615
Gly His Leu Ala	Glu Lys Ala Leu Asn	Arg Thr Lys Tyr Ile	
	620	625	

<210> 9

<211> 445

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 3979009

<400> 9

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Asn Gly Tyr Leu Gln Cys His Ile Gln Leu His Ser His Gln Phe	
20 25 30	
Arg Gln Ile His Leu Asp Thr Arg Leu Gln Val Phe Arg Gln Asn	

	35		40		45
Arg Asn Cys Ile	Leu His Leu Leu Ser	Lys Asn Trp Ser Arg Arg			
	50		55		60
Tyr Cys His Gln	Asp Thr Lys Met Leu Trp	Lys His Lys Ala Leu			
	65		70		75
Gln Lys Tyr Met	Glu Asn Leu Ser Lys	Glu Tyr Gln Thr Leu Glu			
	80		85		90
Gln Cys Leu Gln	His Ile Pro Val Asn	Glu Glu Asn Arg Arg Ser			
	95		100		105
Leu Asn Arg Arg	His Ala Glu Leu Ala	Pro Leu Ala Ala Ile Tyr			
	110		115		120
Gln Glu Ile Gln	Glu Thr Glu Gln Ala	Ile Glu Glu Leu Glu Ser			
	125		130		135
Met Cys Lys Ser	Leu Asn Lys Gln Asp	Glu Lys Gln Leu Gln Glu			
	140		145		150
Leu Ala Leu Glu	Glu Arg Gln Thr Ile	Asp Gln Lys Ile Asn Met			
	155		160		165
Leu Tyr Asn Glu	Leu Phe Gln Ser Leu	Val Pro Lys Glu Lys Tyr			
	170		175		180
Asp Lys Asn Asp	Val Ile Leu Glu Val	Thr Ala Gly Arg Thr Thr			
	185		190		195
Gly Gly Asp Ile	Cys Gln Gln Phe Thr	Arg Glu Ile Phe Asp Met			
	200		205		210
Tyr Gln Asn Tyr	Ser Cys Tyr Lys His	Trp Gln Phe Glu Leu Leu			
	215		220		225
Asn Tyr Thr Pro	Ala Asp Tyr Gly Gly	Leu His His Ala Ala Ala			
	230		235		240
Arg Ile Ser Gly	Asp Gly Val Tyr Lys	His Leu Lys Tyr Glu Gly			
	245		250		255
Gly Ile His Arg	Val Gln Arg Ile Pro	Glu Val Gly Leu Ser Ser			
	260		265		270
Arg Met Gln Arg	Ile His Thr Gly Thr	Met Ser Val Ile Val Leu			
	275		280		285
Pro Gln Pro Asp	Glu Val Asp Val Lys	Leu Asp Pro Lys Asp Leu			
	290		295		300
Arg Ile Asp Thr	Phe Arg Ala Lys Gly	Ala Gly Gly Gln His Val			
	305		310		315
Asn Lys Thr Asp	Ser Ala Val Arg Leu	Val His Ile Pro Thr Gly			
	320		325		330
Leu Val Val Glu	Cys Gln Gln Glu Arg	Ser Gln Ile Lys Asn Lys			
	335		340		345
Glu Ile Ala Phe	Arg Val Leu Arg Ala	Arg Leu Tyr Gln Gln Ile			
	350		355		360
Ile Glu Lys Asp	Lys Arg Gln Gln Gln	Ser Ala Arg Lys Leu Gln			
	365		370		375
Val Gly Thr Arg	Ala Gln Ser Glu Arg	Ile Arg Thr Tyr Asn Phe			
	380		385		390
Thr Gln Asp Arg	Val Ser Asp His Arg	Ile Ala Tyr Glu Val Arg			
	395		400		405
Asp Ile Lys Glu	Phe Leu Cys Gly Gly	Lys Gly Leu Asp Gln Leu			
	410		415		420
Ile Gln Arg Leu	Leu Gln Ser Ala Asp	Glu Glu Ala Ile Ala Glu			
	425		430		435
Leu Leu Asp Glu	His Leu Lys Ser Ala	Lys			
	440		445		

<210> 10

<211> 280

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 3992058

<400> 10

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 1          5          10          15
Arg Ile Pro Ser Pro Leu Gly Tyr Ala Ala Ile Pro Ile Lys Phe
          20          25          30
Ser Glu Lys Gln Gln Ala Ser His Tyr Leu Tyr Val Arg Ala His
          35          40          45
Gly Val Arg Gln Gly Thr Lys Ser Thr Trp Pro Gln Lys Arg Thr
          50          55          60
Leu Phe Val Leu Asn Val Pro Pro Tyr Cys Thr Glu Glu Ser Leu
          65          70          75
Ser Arg Leu Leu Ser Thr Cys Gly Leu Val Gln Ser Ile Glu Leu
          80          85          90
Gln Glu Lys Pro Asp Leu Ala Glu Ser Pro Lys Glu Ser Arg Ser
          95          100          105
Lys Phe Phe His Pro Lys Pro Val Pro Gly Phe Gln Val Ala Tyr
          110          115          120
Val Val Phe Gln Lys Pro Ser Gly Val Ser Ala Ala Leu Ala Leu
          125          130          135
Lys Gly Pro Leu Leu Val Ser Thr Glu Ser His Pro Val Lys Ser
          140          145          150
Gly Ile His Lys Trp Ile Ser Asp Tyr Ala Asp Ser Val Pro Asp
          155          160          165
Pro Glu Ala Leu Arg Val Glu Val Asp Thr Phe Met Glu Ala Tyr
          170          175          180
Asp Gln Lys Ile Ala Glu Glu Glu Ala Lys Ala Lys Glu Glu Glu
          185          190          195
Gly Val Pro Asp Glu Glu Gly Trp Val Lys Val Thr Arg Arg Gly
          200          205          210
Arg Arg Pro Val Leu Pro Arg Thr Glu Ala Ala Ser Leu Arg Val
          215          220          225
Leu Glu Arg Glu Arg Arg Lys Arg Ser Arg Lys Glu Leu Leu Asn
          230          235          240
Phe Tyr Ala Trp Gln His Arg Glu Ser Lys Met Glu His Leu Ala
          245          250          255
Gln Leu Arg Lys Lys Phe Glu Glu Asp Lys Gln Arg Ile Glu Leu
          260          265          270
Leu Arg Ala Gln Arg Lys Phe Arg Pro Tyr
          275          280

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<210> 11

<211> 130

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 4011179

<400> 11

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Met Ala Arg Gly Val Val Ser Ala Lys Gly Gly Ala Val Ala Gly

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1	5	10	15
Lys Lys Lys Gly Ser Val Ser Phe Thr Ile Asp Cys Thr Lys Pro	20	25	30
Val Glu Asp Lys Ile Met Glu Val Ala Ser Leu Glu Lys Phe Leu	35	40	45
Gln Glu Arg Ile Lys Val Ala Gly Gly Lys Ala Gly Asn Leu Gly	50	55	60
Asp Ser Val Thr Ile Ser Arg Glu Lys Thr Lys Val Thr Val Thr	65	70	75
Ser Asp Gly Pro Phe Ser Lys Arg Tyr Leu Lys Tyr Leu Thr Lys	80	85	90
Lys Tyr Leu Lys Lys His Asn Val Arg Asp Trp Leu Arg Val Val	95	100	105
Ala Ala Asn Lys Asp Arg Asn Val Tyr Glu Leu Arg Tyr Phe Asn	110	115	120
Ile Ala Glu Asn Glu Gly Glu Glu Glu Asp	125	130	

<210> 12
 <211> 226
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 5425219

<400> 12

Met Ser Asn Tyr Val Asn Asp Met Trp Pro Gly Ser Pro Gln Glu	1	5	10	15
Lys Asp Ser Pro Ser Thr Ser Arg Ser Gly Gly Ser Ser Arg Leu	20	25	30	
Ser Ser Arg Ser Arg Ser Arg Ser Phe Ser Arg Ser Ser Arg Ser	35	40	45	
His Ser Arg Val Ser Ser Arg Phe Ser Ser Arg Ser Arg Arg Ser	50	55	60	
Lys Ser Arg Ser Arg Ser Arg Arg Arg His Gln Arg Lys Tyr Arg	65	70	75	
Arg Tyr Ser Arg Ser Tyr Ser Arg Ser Arg Ser Arg Ser Arg Ser	80	85	90	
Arg Arg Tyr Arg Glu Arg Arg Tyr Gly Phe Thr Arg Arg Tyr Tyr	95	100	105	
Arg Ser Pro Ser Arg Tyr Arg Ser Arg Ser Arg Ser Arg Ser Arg	110	115	120	
Ser Arg Gly Arg Ser Tyr Cys Gly Arg Ala Tyr Ala Ile Ala Arg	125	130	135	
Gly Gln Arg Tyr Tyr Gly Phe Gly Arg Thr Val Tyr Pro Glu Glu	140	145	150	
His Ser Arg Trp Arg Asp Arg Ser Arg Thr Arg Ser Arg Ser Arg	155	160	165	
Thr Pro Phe Arg Leu Ser Glu Lys Asp Arg Met Glu Leu Leu Glu	170	175	180	
Ile Ala Lys Thr Asn Ala Ala Lys Ala Leu Gly Thr Thr Asn Ile	185	190	195	
Asp Leu Pro Ala Ser Leu Arg Thr Val Pro Ser Ala Lys Glu Thr	200	205	210	
Ser Arg Gly Ile Gly Val Ser Ser Asn Gly Ala Lys Pro Glu Lys	215	220	225	

Ser

<210> 13
 <211> 296
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 5522684

<400> 13
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 Leu Arg Gly Leu Pro Arg Val Ser Leu Ala Asn Leu Lys Pro Asn
 20 25 30
 Pro Gly Ser Lys Lys Pro Glu Arg Arg Pro Arg Gly Arg Arg Arg
 35 40 45
 Gly Arg Lys Cys Gly Arg Gly His Lys Gly Glu Arg Gln Arg Gly
 50 55 60
 Thr Arg Pro Arg Leu Gly Phe Glu Gly Gly Gln Thr Pro Phe Tyr
 65 70 75
 Ile Arg Ile Pro Lys Tyr Gly Phe Asn Glu Gly His Ser Phe Arg
 80 85 90
 Arg Gln Tyr Lys Pro Leu Ser Leu Asn Arg Leu Gln Tyr Leu Ile
 95 100 105
 Asp Leu Gly Arg Val Asp Pro Ser Gln Pro Ile Asp Leu Thr Gln
 110 115 120
 Leu Val Asn Gly Arg Gly Val Thr Ile Gln Pro Leu Lys Arg Asp
 125 130 135
 Tyr Gly Val Gln Leu Val Glu Glu Gly Ala Asp Thr Phe Thr Ala
 140 145 150
 Lys Val Asn Ile Glu Val Gln Leu Ala Ser Glu Leu Ala Ile Ala
 155 160 165
 Ala Ile Glu Lys Asn Gly Gly Val Val Thr Thr Ala Phe Tyr Asp
 170 175 180
 Pro Arg Ser Leu Asp Ile Val Cys Lys Pro Val Pro Phe Phe Leu
 185 190 195
 Arg Gly Gln Pro Ile Pro Lys Arg Met Leu Pro Pro Glu Glu Leu
 200 205 210
 Val Pro Tyr Tyr Thr Asp Ala Lys Asn Arg Gly Tyr Leu Ala Asp
 215 220 225
 Pro Ala Lys Phe Pro Glu Ala Arg Leu Glu Leu Ala Arg Lys Tyr
 230 235 240
 Gly Tyr Ile Leu Pro Asp Ile Thr Lys Asp Glu Leu Phe Lys Met
 245 250 255
 Leu Cys Thr Arg Lys Asp Pro Arg Gln Ile Phe Phe Gly Leu Ala
 260 265 270
 Pro Gly Trp Val Val Asn Met Ala Asp Lys Lys Ile Leu Lys Pro
 275 280 285
 Thr Asp Glu Asn Leu Leu Lys Tyr Tyr Thr Ser
 290 295

<210> 14
 <211> 2297

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 046926

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gatggagtat atggcagaat ccaccgaccg cagccctgga cacatcttgt gctgtgagtg 180
tgggtgttccg ataagtccea atcctgccaa tatttgtgtg gcctgtttgc gaagtaaagt 240
ggacatcagc caaggatttc cgaaacaagt ctcgatttcg ttctgcaaac aatgtcaaag 300
gtattttcaa ccaccaggaa cttggatata gtgtgcttta gaatccaggg aacttcttgc 360
tttgtgcttg aaaaaaatca aagccctctc gagtaaggta cggctttagat atgcaggctt 420
tgtttggact gagcctcatt ctaagagact taaagttaaa ctgactattc agaaagaggt 480
gatgaattgg gctatccttc aacaagtgtt tgtgggtggat tatgttggtc agtcccaaat 540
gtgtggagat tgccatagag tagaagctaa ggatttcttg aaggctgtga ttcaagttag 600
gcaaaagact ttgcataaaa aaacttttcta ctatctggaa cagttaattc tgaaatatgg 660
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ctcaaaaaca catgctcaga agatggtcga atttcttcag tgtacagttc cctgtagata 780
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aatgctgaca taatgagatg ttgtagactg ttcccatata tgggcttaag aagttggaca 1680
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agagactcgt tatttaa 2297

<210> 15
<211> 2144
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 618791

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aggctgggga aggggttggg gggggctggt gatcgccgcg ttttaagttgc gctcggggcg 180
gccatgtcgg ccggcgaggt cgagcgccta gtgtcgggagc tgagcggcg gaccggaggg 240
gatgaggagg aagagtggct ctatggcggc ccatgggacg tgcatgtgca cagtgtattg 300
gcaaaggacc tagatgaaaa tgaagtggaa aggccagaag aagaaaatgc cagtgtcta 360
cctccatctg gaattgaaga tgaactgctt gaaaatgggtg taccaaaacc gaaagtgact 420
gagaccgaag atgatagtga tagtgacagc gatgatgatg aagatgatgt tcatgtcact 480
ataggagaca ttaaaacggg agcaccacag tatgggagtt atggtacagc acctgttaat 540
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gagcctgccc ctgaacagga gagcaccgaa gctacacctg cagaataggc atggttttgg 1980
ccttttgtgt atattagtac cagaagttaga tactataaat cttgttattt ttctggataa 2040
tgtttaagaa atttacctta aatcttgttc tgtttgtag tatgaaaagt taactttttt 2100
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<210> 16

<211> 1343

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1240366

<400> 16

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gaatttcagg gtgcagtata cagaaacaga gccgtatcat aattaccgac cgccaagctg 180
agccacaaaa gaaggaggct gccaccacgg ggccgcaggt gaagagagca gatgagtggg 240
aggacccttg gcgcgatcc aagtctccca agaagaaact cggggtgtcg gtctccccga 300
gccgggctcg aaggcgtcgg aaaacatcag cctcgtcagc ctctgcctct aattcctcca 360
ggtcgtcttc gcggtcatcg tccactctg gctccggctc ctcccggtcg cgatccccgt 420
cttcactcta cagctcctac tccagccgct cttccagaca cagctcgttc tcaggaagcc 480
ggtccaggtc ccggtccttc tcttcgtccc cgtecccgtc cccaacacct tccccacata 540
gaccttccat cagaaccaag ggagagccgg ccccgccgccc cgggaaagca ggagagaagt 600
cagtgaagaa gccggccccg cctccagccc caccacaggc caccaaaacc actgctcctg 660
tccccgagcc caccaagcca ggagaccctc gggaagccag gaggaaggag cggccagcca 720
ggaccccccc caggaggcgg acgctaagcg gcagcggcag tggcagtggt agcagctata 780
gtggttccag ctcccgatcc aggtccctga gcgtgagcag cgtctcctca gtgtccagt 840
ctacgtcag cagcagctct gcacacagcg tggactcgga ggacatgtac gcagacctgg 900

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ctagccccgt gtcctcagcc agctctcggt ccccgcccc agcccagacc aggaaggaga 960
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cacaaccacc caaatctgca aaacctccag caggggggaa gtcctcccag cagccctcga 1080
caccaccagca ggcaccccc gggcagcccc agcagggcac atttgtggcc cacaaggaga 1140
tcaagttgac actgttgaat aaggcggtg ataaaggaag caggaagcgc tatgaaccat 1200
cagacaagga caggcagagc cctcctccag ccaagcgggc caacacatcc ccagaccgag 1260
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<210> 17
<211> 1346
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 1295773

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<400> 17
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gaagggcact ggtccaaaga gtgcccagta gatcgtagcg gtcgtgtggc agactttact 180
gagcagtata atgaacaata tggagcagtt cgaacacctt acaccatggg ctacggggaa 240
tccatgtatt acaacgatgc atatggagca ctcgactact ataagcgata ccgggtccgc 300
tcttatgagg cagtagcagc ggcggcagcg gcttctgcat acaactacgc agagcagacc 360
atgtcccatc tgcctcaagt ccaaagcaca actgtgacca gccacctcaa ctctacttct 420
gttgatccct atgacagaca cctattgcca aactctggcg ctgctgccac ttcagctgct 480
atggctgctg ctgcagccac cacttctctc tactatggaa gggacaggag cccactgcgt 540
cgtgctgcag ccatgctccc cacagttgga gagggtctac gttatgggccc agagagtga 600
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gagcagtatg tggaccgagc ccggtactca tgagaacttg aactggagggt aggataattg 720
cggactgaac cctcgggctg cggtcataata gactcacttg ctccgcgcgg tcccctttgc 780
cgggatgttt ccattgcttc atgtttcagt aaacaaaagg agtttgtgac caactatggt 840
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cagcattagc tgaaatttac ccttgtttta ctccactcct ccttttttta aaaaaatttt 1260
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ccaagtacat aacagaaaaa aaaaaa                                     1346

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<210> 18
<211> 2720
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 1858421

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<400> 18
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 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2152431

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 <211> 909
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 <213> Homo sapiens

<220>
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 <223> Incyte Clone No: 2641494

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<210> 21
 <211> 2405
 <212> DNA
 <213> Homo sapiens

<220>
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 <223> Incyte Clone No: 3803409

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<210> 22

<211> 1754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 3979009

<400> 22

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<210> 23
 <211> 1221
 <212> DNA
 <213> Homo sapiens

<220>
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 <223> Incyte Clone No: 3992058

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<210> 24
 <211> 628
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 4011179

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<211> 1500
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 5425219

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<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 5522684

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